

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number  
**WO 2004/056078 A3**

(51) International Patent Classification<sup>7</sup>: G09G 5/14, H04L 29/06

(21) International Application Number:

PCT/IB2003/005329

(22) International Filing Date:  
18 November 2003 (18.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02080363.1 18 December 2002 (18.12.2002) EP

(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): VAN DER STOK, Petrus, D., V. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DER SCHAAR, Mihaela [NL/US]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HENTSCHEL, Christian [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: GROENENDAAL, Antonius, W., M.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

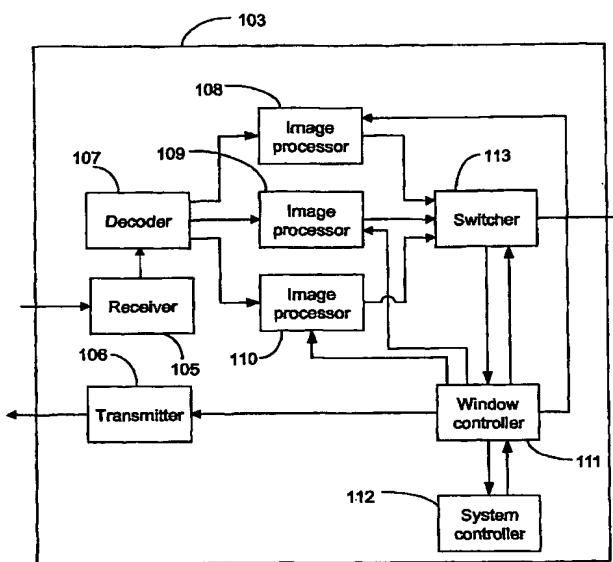
(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: CLIPPING OF MEDIA DATA TRANSMITTED IN A NETWORK



WO 2004/056078 A3

(57) Abstract: The invention discloses an apparatus and a method for receiving multiple media data streams, which are displayed in separate windows of a multi-window display. Clipping information relating to an area of one of the windows being covered by the other window is transmitted to a source device providing the media data being covered when displayed. As a viewer may not see the covered area, the media data relating to the covered area is not needed by the destination device. Therefore, the source device based on the clipping information does not transmit any media data needed for processing of the covered area to the destination device, which does not have to process all media data relating to the covered area.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(88) Date of publication of the international search report:

19 May 2005

## INTERNATIONAL SEARCH REPORT

IB 03/05329

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G09G/14 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G09G G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 668 997 A (LYNCH-FRESHNER ET AL) 16 September 1997 (1997-09-16) column 9, line 35 - column 9, line 63; figures 4,5,15 column 10, line 44 - column 11, line 19 column 13, line 1 - column 13, line 31 claim 1 -----	1,20
A	EP 0 961 201 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 1 December 1999 (1999-12-01) abstract; figures 25-29 paragraphs '0074! - '0080! -----	1,20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

22 March 2005

Date of mailing of the International search report

31/03/2005

## Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

## Authorized officer

Van Roost, L

## INTERNATIONAL SEARCH REPORT

IB 03/05329

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5668997	A	16-09-1997	CA 2202614 A1 DE 69509406 D1 EP 0788646 A1 JP 10507853 T WO 9613026 A1	02-05-1996 02-06-1999 13-08-1997 28-07-1998 02-05-1996
EP 0961201	A	01-12-1999	DE 69915727 D1 DE 69915727 T2 DE 69921516 D1 DE 69922272 D1 EP 1321924 A1 EP 1324309 A1 EP 1321925 A1 EP 1411491 A1 EP 0961201 A2 JP 3509060 B2 JP 2000047784 A JP 2004005698 A US 6710789 B1 US 2004119706 A1 US 2004107438 A1 US 2004130540 A1 US 2004080540 A1 US 2004130563 A1 US 2004130577 A1 US 2004155906 A1 US 2004217949 A1	29-04-2004 17-03-2005 02-12-2004 30-12-2004 25-06-2003 02-07-2003 25-06-2003 21-04-2004 01-12-1999 22-03-2004 18-02-2000 08-01-2004 23-03-2004 24-06-2004 03-06-2004 08-07-2004 29-04-2004 08-07-2004 08-07-2004 12-08-2004 04-11-2004